9/8/57 A1

STANDARD FORM 57
REVISED MAY 1954
U. S. CIVIL SERVICE COMMISSION

APPLICATION FOR FEDERAL EMPLOYMENT

APPLICATION NO.

1. Kind of position applied for or name of examination

2. Option(s) *(if mentioned in examination announcement)*

3. Place of employment applied for *(city and State)*

4. *(First name)* *(Middle)* *(Maiden, if any)* *(Last)*
Mr.
~~Mrs.~~
~~Miss~~ MORTON JOSEPH STOLLER

5. Street and number or R. D. number
37 ALLEGHANY ROAD
City or post office *(including postal zone)* and State
HAMPTON VA

ANNOUNCEMENT

6. Place of birth
City NEW YORK CITY
State or foreign country NEW YORK

7. Date of birth *(month, day, year)*
MAY 23 1917

8. ☑ Male ☐ Female

9. Height without shoes
5 feet 11 inches
Weight 174 pounds

10. ☑ Married ☐ Single

DO NOT WRITE IN THIS BLOCK
For Use of
Civil Service Commission Only

☐ Appor. ☐ Nonappor. | Material ☐ Submitted ☐ Returned | Entered Register:

Notations: | App. Review: Approved:

Option	Grade	Earned Rating	Preference	Augm. Rating
			☐ 5 Points (Tent.)	
			☐ 10 Point Comp. Dis.	
			☐ Other 10 Point	
			☐ Disal.	
			☐ Being Investigated	
Initials and Date				

11. Home phone
Hpt3-9702
Office phone
4611

12. Legal or voting residence *(State)*
VA

13. If you have ever been employed by the Federal Government, indicate last grade
GS-15
Dates of service in that grade
From 12-25-1949 To PRESENT

14. AVAILABILITY INFORMATION. A. Indicate the lowest salary you will accept $ per
You will not be considered for any position with a lower entrance salary.

B. If you are now a Federal employee, indicate the lowest grade you will accept

C. Will you accept appointment for ☐ 1 to 3 months? ☐ 3 to 6 months? ☐ 6 to 12 months?
Acceptance or refusal of a short-term appointment will not affect your consideration for another appointment.

D. Are you willing to travel ☐ Occasionally? ☐ Frequently? ☐ Constantly?

E. Will you accept appointment ☐ In Washington, D. C.? ☐ Anywhere in United States? ☐ Outside U. S.?

F. If you will accept appointment only in certain locations, list them:

15. VETERAN PREFERENCE. A. If you claim 5-point preference based on wartime military service, indicate:

Date(s) of entry into active service	Date(s) of separation	Branch of service *(Army, Navy, Air Force, etc.)*	Serial number. If none, give grade or rating at separation

B. Do you claim 5-point preference as a peacetime campaign veteran? ☐ Yes ☐ No

C. Do you claim 10-point preference? ☐ Yes ☐ No

D. Have you ever been granted 10-point veteran preference or 5-point preference as a peacetime campaign veteran by the U. S. Civil Service Commission? ☐ Yes ☐ No If so, indicate below the office which granted this preference to you. Attach your notice of preference allowance if available. It will be returned to you.

Name of U. S. Civil Service Commission office or name of Board of U. S. Civil Service Examiners

Address of Commission office or Board of Examiners
City
State

THIS SPACE FOR USE OF APPOINTING OFFICER ONLY. The information contained in answer to question 15A has been verified with the discharge certificate, which shows that the separation was under honorable conditions.

Signature ---------- Agency ----------

Title ---------- Date ----------

(Continued on next page)

November 1948 A2

REDESIGNATED

16. EXPERIENCE. *(Start with your present position and work back)*

(1) Dates of employment *(month, year)* From [redacted] To present time		Exact title of your position AERO. RES. SCI., INST, ENG (SUP RES ENG, AERO INST (ASST. CHIEF. INST DIV)	
Salary or earnings Starting $ 8509.50 per annum Final $ 12690 per annum	Classification Grade *(if in Federal service)* P-7 GS-15	Place of employment City LANGLEY FIELD State VA	Kind of business or organization *(manufacturing, accounting, insurance, etc.)* AERO RESEARCH
Name and address of employer *(firm, organization, etc.)* NAT. ADV. COMM FOR AERO LANGLEY AERO LAB. LANGLEY FIELD VA		Name and title of immediate supervisor E.C. BUCKLEY CHIEF INST. RES. DIV	

Reason for wanting to leave

Description of work

see attachment no. 1

(2) Dates of employment *(month, year)* From To		Exact title of your position	
Salary or earnings Starting $ per Final $ per	Classification Grade *(if in Federal service)*	Place of employment City State	Kind of business or organization *(manufacturing, accounting, insurance, etc.)*
Name and address of employer *(firm, organization, etc.)*		Name and title of immediate supervisor	

Reason for leaving

Description of work

see attachment #2

(3) Dates of employment *(month, year)* From To		Exact title of your position	
Salary or earnings Starting $ per Final $ per	Classification Grade *(if in Federal service)*	Place of employment City State	Kind of business or organization *(manufacturing, accounting, insurance, etc.)*
Name and address of employer *(firm, organization, etc.)*		Name and title of immediate supervisor	

Reason for leaving

Description of work

see attachment #3

16—53946-3

A 3 ATTACH SUPPLEMENTAL SHEETS OR FORMS HERE

○ Dates of employment *(month, year)* From To		Exact title of your position	
Salary or earnings Starting $ per Final $ per	Classification Grade *(if in Federal service)*	Place of employment City State	Kind of business or organization *(manufacturing, accounting, insurance, etc.)*
Name and address of employer *(firm, organization, etc.)*		Name and title of immediate supervisor	

Reason for leaving

Description of work

See attachments #4, 5 & 6

If you need additional experience blocks, use supplemental sheets. SEE INSTRUCTION SHEET.

17. SPECIAL QUALIFICATIONS AND SKILLS.

(A) Licenses and Certificates.—Indicate the kind of license or certificate and the State or other licensing authority which granted it; for example, pilot, teacher, electrician, lawyer, radio operator, C. P. A., etc.

Kind of License _____ Licensing Authority _____

(B) List any special skills you possess and machines and equipment you can use, such as short-wave radio, multilith, comptometer, key-punch, turret lathe, scientific or professional devices.

ANALOG COMPUTING EQUIPMENT, IBM DIGITAL COMPUTING EQUIPMENT, ELECTRONIC TEST EQUIPMENT, AERONAUTICAL RESEARCH INSTRUMENTATION

(C) Approximate number of words per minute in:

Typing _____ Shorthand _____

(D) Give any special qualifications not covered elsewhere in your application, such as:

(1) Your more important publications. *(Do not submit copies unless requested)*
(2) Your patents or inventions.
(3) Public speaking and public relations experience.
(4) Membership in professional or scientific societies, etc.
(5) Honors and fellowships received.

see attachment # 7 ~~Supplement sheets~~

18. EDUCATION.

A. Give the highest elementary or high-school grade completed 12

If you completed high school, give date February 1939

B. Name and location of last high school attended: Richmond Hill High School, Richmond Hill, Queens, New York

C. Name and location of college or university:	Dates attended From	Dates attended To	Years completed Day	Years completed Night	Credit hours Semester or Quarter		Degrees received
College of the City of New York, N.Y.	2/34	2/38	4		134		BEE
Univ of Va Charlottesville + Hampton Va	8/49	5/55	1½		36		MEE
Coll of Wm + Mary Hampton Ext	2/57	5/57	—		3		—

D. Chief undergraduate college subjects	Credit hours Semester or Quarter		E. Chief graduate college subjects	Credit hours Semester or Quarter	
Electrical Engineering	35		Electrical Engineering	15	
			Mathematics	12	

F. Other schools or training, such as trade, vocational, Armed Forces, or business. Give for each name and location of school, dates attended, subjects studied, certificates, and any other pertinent data:

ESMWT Training of the Univ. of Va. Hampton 1943 Simple Aerodynamics

19. Have you lived or traveled in any foreign countries?

☐ Yes ☑ No

If answer is "Yes," give in Item 34 names of countries, dates, and length of time spent there and reason or purpose *(military service, business, education, or vacation)*.

20. Indicate your knowledge of foreign languages.	Reading EXC.	Reading GOOD	Reading FAIR	Speaking EXC.	Speaking GOOD	Speaking FAIR	Understng EXC.	Understng GOOD	Understng FAIR	Writing EXC.	Writing GOOD	Writing FAIR
GERMAN			✓									

16—53946-3

A4

21. REFERENCES.—List three persons living in the United States or Territories of the United States who are NOT RELATED TO YOU AND WHO HAVE DEFINITE KNOWLEDGE of your qualifications and fitness for the position for which you are applying. Do not repeat names of supervisors listed under Item 16, EXPERIENCE.

FULL NAME	PRESENT BUSINESS OR HOME ADDRESS Give complete current address	BUSINESS OR OCCUPATION
1. HARTLEY A SOULE'	LANGLEY AERO. LAB. NACA	AERO RES SCI
2. EDWARD GARRICK	LANGLEY AERO LAB. NACA	AERO RES SCI
3. PHILIP DONELY	LANGLEY AERO LAB NACA	AERO RES SCI

INDICATE ANSWER BY PLACING "X" IN PROPER COLUMN	YES	NO
22. (*a*) Are you a citizen of the United States of America, or (*b*) as a native of American Samoa do you owe allegiance to the United States of America?	X	
23. Are you now, or have you ever been, a member of the Communist Party, U. S. A., or any Communist organization?		X
24. Are you now, or have you ever been, a member of a Fascist organization?		X
25. Are you now or have you ever been a member of any foreign or domestic organization, association, movement, group, or combination of persons which is totalitarian, Fascist, Communist, or subversive, or which has adopted, or shows, a policy of advocating or approving the commission of acts of force or violence to deny other persons their rights under the Constitution of the United States, or which seeks to alter the form of government of the United States by unconstitutional means?		X
If your answer to question 23, 24, or 25 above is "Yes," state on a separate sheet to be attached to and made a part of this application the names of all such organizations, associations, movements, groups, or combination of persons and dates of membership. Give complete details of your activities therein and make any explanation you desire regarding your membership or activities. (See instruction sheet)		
26. Does the United States Government employ in a civilian capacity any relative of yours (by blood or marriage) with whom you live or have lived within the past 24 months? *If your answer is "Yes," give in Item 34 for EACH such relative (1) full name; (2) present address; (3) relationship; (4) department or agency by which employed; and (5) kind of appointment.*		X
27. A. Have you any physical handicap, chronic disease, or other disability?		X
B. Have you ever had a nervous breakdown?		X
C. Have you ever had tuberculosis?		X
If your answer to A, B, or C is "Yes," give details in Item 34.		

INDICATE ANSWER BY PLACING "X" IN PROPER COLUMN	YES	NO
28. May inquiry be made of your present employer regarding your character, qualifications, etc?	X	
29. Do you receive or have you applied for an annuity from the United States or District of Columbia Government under any retirement act or any pension or other compensation for military or naval service? *If your answer is "Yes," give details in Item 34.*		X
30. Are you an official or employee of any State, Territory, county, or municipality? *If your answer is "Yes," give details in Item 34.*		X
31. Have you ever been barred by the U. S. Civil Service Commission from taking examinations or accepting civil-service appointments? *If your answer is "Yes," give dates of and reasons for such debarment in Item 34.*		X
32. A. Have you ever been discharged from employment because: (1) Your conduct was not satisfactory?		X
(2) Your work was not satisfactory?		X
B. Have you ever resigned after official notification that: (1) Your conduct was not satisfactory?		X
(2) Your work was not satisfactory?		X
C. Have you ever been discharged from the Armed Services under other than honorable conditions?		X
If your answer to A, B, or C is "Yes," give details in Item 34 as clearly as you can remember, including the name and address of employer, approximate date, and reasons in each case.		
33. Have you ever been arrested, charged, or held by Federal, State, or other law-enforcement authorities for any violation of any Federal law, State law, county or municipal law, regulation or ordinance? Do not include anything that happened before your 16th birthday. Do not include traffic violations for which a fine of $25 or less was imposed. All other charges must be included even if they were dismissed. *If your answer is "Yes," give in Item 34 for each case: (1) approximate date, (2) charge, (3) place, (4) action taken.*		X

34. SPACE FOR DETAILED ANSWERS TO OTHER QUESTIONS. Indicate item numbers to which answers apply.

Item No.		Item No.	

If more space is required, use paper the same size as this page. Write on each sheet your name, date of birth, and examination title. Attach to inside of this application.

ATTENTION: If you are appointed, all facts you give will be subject to investigation including a check of your fingerprints. Before signing this application, go back over it to make sure you have answered all questions correctly and fully, so that your eligibility can be decided on the basis of all the facts. Admitted unfavorable information about such matters as arrests or discharges will be considered together with the favorable information in your record in determining your present fitness for Federal employment. However, a false statement or dishonest answer to any question may be grounds for cancellation of your application or your dismissal after appointment and is punishable by law.

I CERTIFY that the statements made by me in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Date_____ Signature of applicant_____

16—53946-3 U. S. GOVERNMENT PRINTING OFFICE

A1-T

STANDARD FORM 57
REVISED MAY 1954
U. S. CIVIL SERVICE COMMISSION

APPLICATION FOR FEDERAL EMPLOYMENT

APPLICATION NO.

ANNOUNCEMENT

1. Kind of position applied for or name of examination

2. Option(s) *(if mentioned in examination announcement)*

3. Place of employment applied for *(city and State)*

4. *(First name)* *(Middle)* *(Maiden, if any)* *(Last)*
Mr. XXX
Mrs. XXX
Miss XXX
Morton Joseph Stoller

5. Street and number or R. D. number
37 Alleghany Road

City or post office *(including postal zone)* and State
Hampton, Virginia

6. Place of birth
City **New York City**
State or foreign country **New York**

7. Date of birth *(month, day, year)*
May 23, 1917

8. ☒ Male ☐ Female

9. Height without shoes
5 feet **11** inches
Weight **174** pounds

10. ☒ Married ☐ Single

DO NOT WRITE IN THIS BLOCK
For Use of
Civil Service Commission Only

☐ Appor. ☐ Nonappor.	Material ☐ Submitted ☐ Returned	Entered Register:
Notations:	App. Review: Approved:	

Option	Grade	Earned Rating	Preference	Augm. Rating
			☐ 5 Points (Tent.)	
			☐ 10 Point Comp. Dis.	
			☐ Other 10 Point	
			☐ Disal.	
			☐ Being Investigated	
Initials and Date				

11. Home phone **Hpt. 3-4702**
Office phone **6341-Ext. 107**

12. Legal or voting residence *(State)* **Virginia**

13. If you have ever been employed by the Federal Government, indicate last grade **GS-15**
Dates of service in that grade From **12-25-49** To **Present**

14. AVAILABILITY INFORMATION. A. Indicate the lowest salary you will accept $ per
You will not be considered for any position with a lower entrance salary.

B. If you are now a Federal employee, indicate the lowest grade you will accept

C. Will you accept appointment for ☐ 1 to 3 months? ☐ 3 to 6 months? ☐ 6 to 12 months?
Acceptance or refusal of a short-term appointment will not affect your consideration for another appointment.

D. Are you willing to travel ☐ Occasionally? ☐ Frequently? ☐ Constantly?

E. Will you accept appointment ☐ In Washington, D. C.? ☐ Anywhere in United States? ☐ Outside U. S.?

F. If you will accept appointment only in certain locations, list them:

15. VETERAN PREFERENCE. A. If you claim 5-point preference based on wartime military service, indicate:

Date(s) of entry into active service	Date(s) of separation	Branch of service *(Army, Navy, Air Force, etc.)*	Serial number. If none, give grade or rating at separation

B. Do you claim 5-point preference as a peacetime campaign veteran? ☐ Yes ☐ No

C. Do you claim 10-point preference? ☐ Yes ☐ No

D. Have you ever been granted 10-point veteran preference or 5-point preference as a peacetime campaign veteran by the U. S. Civil Service Commission? ☐ Yes ☐ No If so, indicate below the office which granted this preference to you. Attach your notice of preference allowance if available. It will be returned to you.

Name of U. S. Civil Service Commission office or name of Board of U. S. Civil Service Examiners

Address of Commission office or Board of Examiners
City
State

THIS SPACE FOR USE OF APPOINTING OFFICER ONLY. The information contained in answer to question 15A has been verified with the discharge certificate, which shows that the separation was under honorable conditions.

Signature ---------- Agency ----------

Title ---------- Date ----------

(Continued on next page)

A2-T

(Ass't. Chief, Instr. Research Div.)

16. EXPERIENCE. *(Start with your present position and work back)*

① Dates of employment *(month, year)*
From November 1948 To present time

Exact title of your position Aero. Research Scientist, Redesignated Sup. Res. Eng. (Aero. Inst.)

Salary or earnings
Starting $ 8,509.50 per annum
Final $ 12,690.00 per annum

Classification Grade *(if in Federal service)*
P-7
GS-15

Place of employment
City Langley Field
State Virginia

Kind of business or organization *(manufacturing, accounting, insurance, etc.)*
Aeronautical Research

Name and address of employer *(firm, organization, etc.)*
National Advisory Committee for Aeronautics
Langley Aero. Lab., Langley Field, Va.

Name and title of immediate supervisor
E. C. Buckley, Chief, Inst. Res. Div.

Reason for wanting to leave

Description of work (See attachment No. 1)

② Dates of employment *(month, year)*
From January 1948 To November 1948

Exact title of your position Aero. Res. Scientist (Acting Chief, Instr. Research Division)

Salary or earnings
Starting $ 7,341.60 per annum
Final $ 8,509.50 per annum

Classification Grade *(if in Federal service)*
P-6
P-7

Place of employment
City Langley Field,
State Virginia

Kind of business or organization *(manufacturing, accounting, insurance, etc.)*
Aeronautical Research

Name and address of employer *(firm, organization, etc.)*
National Advisory Committee for Aeronautics
Langley Aero. Lab., Langley Field, Va.

Name and title of immediate supervisor
E. Johnson, Chief, Adm. & Tech. Service

Reason for leaving

Description of work (See attachment No. 2)

③ Dates of employment *(month, year)*
From January 1947 To January 1948

Exact title of your position Electrical Engineer, redesignated Aero. Res. Scientist (Assistant Chief, Inst. Research Div., Acting Head, Pilotless Aircraft Research Instrumentation Sectio

Salary or earnings
Starting $ 7,102.20 per annum
Final $ 7,341.60 per annum

Classification Grade *(if in Federal service)*
P-6
P-6

Place of employment
City Langley Field
State Virginia

Kind of business or organization *(manufacturing, accounting, insurance, etc.)*
Aeronautical Research

Name and address of employer *(firm, organization, etc.)*
National Advisory Committee for Aeronautics
Langley Aero. Lab., Langley Field, Va.

Name and title of immediate supervisor
E. C. Buckley, Chief Instr. Res. Division

Reason for leaving

Description of work Exact title continued

16—53946-3

A 3-T ATTACH SUPPLEMENTAL SHEETS OR FORMS HERE

Dates of employment (month, year) From / To		Exact title of your position	
Salary or earnings Starting $ per Final $ per	Classification Grade (if in Federal service)	Place of employment City State	Kind of business or organization (manufacturing, accounting, insurance, etc.)
Name and address of employer (firm, organization, etc.)		Name and title of immediate supervisor	

Reason for leaving

Description of work **(See attachments #4, 5, and 6.**

If you need additional experience blocks, use supplemental sheets. SEE INSTRUCTION SHEET.

17. SPECIAL QUALIFICATIONS AND SKILLS.

(A) Licenses and Certificates.—Indicate the kind of license or certificate and the State or other licensing authority which granted it; for example, pilot, teacher, electrician, lawyer, radio operator, C. P. A., etc.

Kind of License _____ Licensing Authority _____

(B) List any special skills you possess and machines and equipment you can use, such as short-wave radio, multilith, comptometer, key-punch, turret lathe, scientific or professional devices.

Analog computing equipment, IBM digital computing equipment, electronic test equipment, Aeronautical Research Instrumentation.

(C) Approximate number of words per minute in:

Typing _____ Shorthand _____

(D) Give any special qualifications not covered elsewhere in your application, such as:

(1) Your more important publications. *(Do not submit copies unless requested)*
(2) Your patents or inventions.
(3) Public speaking and public relations experience.
(4) Membership in professional or scientific societies, etc.
(5) Honors and fellowships received.

(see attachment #7)

18. EDUCATION.

A. Give the highest elementary or high-school grade completed **12**

If you completed high school, give date **February 1934**

B. Name and location of last high school attended:
Richmond Hill High School
Richmond Hill, Queens, New York

C. Name and location of college or university:	Dates attended From	Dates attended To	Years completed Day	Years completed Night	Credit hours Semester or Quarter		Degrees received
College of the City of N.Y.,N.Y.	2/34	2/38	4		134		B E.E
University of Va., Charlottesville	8/49	5/55	1-1/2		36		M E.E.
and Hampton, Va.							
College of William & Mary, Hampton Ext.	2/57	5/57	[illegible]		3		-

D. Chief undergraduate college subjects	Credit hours Semester or Quarter		E. Chief graduate college subjects	Credit hours Semester or Quarter	
Electrical Engineering	35		Electrical Engineering Mathematics	15 12	

F. Other schools or training, such as trade, vocational, Armed Forces, or business. Give for each name and location of school, dates attended, subjects studied, certificates, and any other pertinent data:

ESMWT Training of the University of Virginia, Hampton, 1943, Simple Aerodynamics

19. Have you lived or traveled in any foreign countries?

☐ Yes ☒ No

If answer is "Yes," give in Item 34 names of countries, dates, and length of time spent there and reason or purpose *(military service, business, education, or vacation)*.

20. Indicate your knowledge of foreign languages.	Reading EXC.	Reading GOOD	Reading FAIR	Speaking EXC.	Speaking GOOD	Speaking FAIR	Understng EXC.	Understng GOOD	Understng FAIR	Writing EXC.	Writing GOOD	Writing FAIR
German			X									

16—53946-3

A4-T

21. REFERENCES.—List three persons living in the United States or Territories of the United States who are NOT RELATED TO YOU AND WHO HAVE DEFINITE KNOWLEDGE of your qualifications and fitness for the position for which you are applying. Do not repeat names of supervisors listed under Item 16, EXPERIENCE.

FULL NAME	PRESENT BUSINESS OR HOME ADDRESS Give complete current address	BUSINESS OR OCCUPATION
1. Hartley A. Soule	Langley Aeronautical Lab., NACA,	Aeronautical Research Scientist
2. Edward Garrick	same	same
3. Philip Donely	same	same

INDICATE ANSWER BY PLACING "X" IN PROPER COLUMN	YES	NO
22. (a) Are you a citizen of the United States of America, or (b) as a native of American Samoa do you owe allegiance to the United States of America?	X	
23. Are you now, or have you ever been, a member of the Communist Party, U. S. A., or any Communist organization?		X
24. Are you now, or have you ever been, a member of a Fascist organization?		X
25. Are you now or have you ever been a member of any foreign or domestic organization, association, movement, group, or combination of persons which is totalitarian, Fascist, Communist, or subversive, or which has adopted, or shows, a policy of advocating or approving the commission of acts of force or violence to deny other persons their rights under the Constitution of the United States, or which seeks to alter the form of government of the United States by unconstitutional means?		X
If your answer to question 23, 24, or 25 above is "Yes," state on a separate sheet to be attached to and made a part of this application the names of all such organizations, associations, movements, groups, or combination of persons and dates of membership. Give complete details of your activities therein and make any explanation you desire regarding your membership or activities. (See instruction sheet)		
26. Does the United States Government employ in a civilian capacity any relative of yours (by blood or marriage) with whom you live or have lived within the past 24 months? *If your answer is "Yes," give in Item 34 for EACH such relative (1) full name; (2) present address; (3) relationship; (4) department or agency by which employed; and (5) kind of appointment.*		X
27. A. Have you any physical handicap, chronic disease, or other disability?		X
B. Have you ever had a nervous breakdown?		X
C. Have you ever had tuberculosis?		X
If your answer to A, B, or C is "Yes," give details in Item 34.		

INDICATE ANSWER BY PLACING "X" IN PROPER COLUMN	YES	NO
28. May inquiry be made of your present employer regarding your character, qualifications, etc?	X	
29. Do you receive or have you applied for an annuity from the United States or District of Columbia Government under any retirement act or any pension or other compensation for military or naval service? *If your answer is "Yes," give details in Item 34.*		X
30. Are you an official or employee of any State, Territory, county, or municipality? *If your answer is "Yes," give details in Item 34.*		X
31. Have you ever been barred by the U. S. Civil Service Commission from taking examinations or accepting civil-service appointments? *If your answer is "Yes," give dates of and reasons for such debarment in Item 34.*		X
32. A. Have you ever been discharged from employment because: (1) Your conduct was not satisfactory?		X
(2) Your work was not satisfactory?		X
B. Have you ever resigned after official notification that: (1) Your conduct was not satisfactory?		X
(2) Your work was not satisfactory?		X
C. Have you ever been discharged from the Armed Services under other than honorable conditions?		X
If your answer to A, B, or C is "Yes," give details in Item 34 as clearly as you can remember, including the name and address of employer, approximate date, and reasons in each case.		
33. Have you ever been arrested, charged, or held by Federal, State, or other law-enforcement authorities for any violation of any Federal law, State law, county or municipal law, regulation or ordinance? Do not include anything that happened before your 16th birthday. Do not include traffic violations for which a fine of $25 or less was imposed. All other charges must be included even if they were dismissed. *If your answer is "Yes," give in Item 34 for each case: (1) approximate date, (2) charge, (3) place, (4) action taken.*		X

34. SPACE FOR DETAILED ANSWERS TO OTHER QUESTIONS. Indicate item numbers to which answers apply.

Item No.		Item No.	

If more space is required, use paper the same size as this page. Write on each sheet your name, date of birth, and examination title. Attach to inside of this application.

ATTENTION: If you are appointed, all facts you give will be subject to investigation including a check of your fingerprints. Before signing this application, go back over it to make sure you have answered all questions correctly and fully, so that your eligibility can be decided on the basis of all the facts. Admitted unfavorable information about such matters as arrests or discharges will be considered together with the favorable information in your record in determining your present fitness for Federal employment. However, a false statement or dishonest answer to any question may be grounds for cancellation of your application or your dismissal after appointment and is punishable by law.

I CERTIFY that the statements made by me in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Date_____ Signature of applicant_____

16—53946-3 U. S. GOVERNMENT PRINTING OFFICE

B1

STANDARD FORM 57
REVISED MAY 1954
U. S. CIVIL SERVICE COMMISSION

APPLICATION FOR FEDERAL EMPLOYMENT

57-102

APPLICATION NO.

1. Kind of position applied for or name of examination

2. Option(s) *(if mentioned in examination announcement)*

3. Place of employment applied for *(city and State)*

ANNOUNCEMENT

4. *(First name)* *(Middle)* *(Maiden, if any)* *(Last)*
Mr.
Mrs.
Miss MORTON Joseph Stallen

5. Street and number or R. D. number
6212 Bannockburn Drive

City or post office *(including postal zone)* and State
Bethesda Md

6. Place of birth
City New York City
State or foreign country New York

7. Date of birth *(month, day, year)*
May 23 1917

8. ☑ Male ☐ Female

9. Height without shoes
5 feet 11 inches
Weight 174 pounds

10. ☑ Married ☐ Single

DO NOT WRITE IN THIS BLOCK
For Use of Civil Service Commission Only

☐ Appor. ☐ Nonappor. | Material: ☐ Submitted ☐ Returned | Entered Register:

Notations: | App. Review: Approved:

Option	Grade	Earned Rating	Preference	Augm. Rating
			☐ 5 Points (Tent.)	
			☐ 10 Point Comp. Dis.	
			☐ Other 10 Point	
			☐ Disal.	
			☐ Being Investigated	
Initials and Date				

11. Home phone
Oh 4 5350

Office phone
DU 7815

12. Legal or voting residence *(State)*
Maryland

13. If you have ever been employed by the Federal Government, indicate last grade
Excepted

Dates of service in that grade
From Oct 1958 To Present

14. AVAILABILITY INFORMATION. A. Indicate the lowest salary you will accept $ per
You will not be considered for any position with a lower entrance salary.

B. If you are now a Federal employee, indicate the lowest grade you will accept Excepted

C. Will you accept appointment for ☐ 1 to 3 months? ☐ 3 to 6 months? ☐ 6 to 12 months?
Acceptance or refusal of a short-term appointment will not affect your consideration for another appointment.

D. Are you willing to travel ☐ Occasionally? ☑ Frequently? ☐ Constantly?

E. Will you accept appointment ☑ In Washington, D. C.? ☑ Anywhere in United States? ☑ Outside U. S.?

F. If you will accept appointment only in certain locations, list them:

15. VETERAN PREFERENCE. A. If you claim 5-point preference based on wartime military service, indicate:

Date(s) of entry into active service	Date(s) of separation	Branch of service *(Army, Navy, Air Force, etc.)*	Serial number. If none, give grade or rating at separation

B. Do you claim 5-point preference as a peacetime campaign veteran? ☐ Yes ☐ No

C. Do you claim 10-point preference? ☐ Yes ☐ No

D. Have you ever been granted 10-point veteran preference or 5-point preference as a peacetime campaign veteran by the U. S. Civil Service Commission? ☐ Yes ☐ No If so, indicate below the office which granted this preference to you. Attach your notice of preference allowance if available. It will be returned to you.

Name of U. S. Civil Service Commission office or name of Board of U. S. Civil Service Examiners

Address of Commission office or Board of Examiners
City
State

THIS SPACE FOR USE OF APPOINTING OFFICER ONLY. The information contained in answer to question 15A has been verified with the discharge certificate, which shows that the separation was under honorable conditions.

Signature Agency

Title Date

(Continued on next page)

64S—10—53040-4

B 2

16. EXPERIENCE. *(Start with your present position and work back)*

① Dates of employment *(month, year)* From ← Feb 1960 To present time

Exact title of your position Asst Director for Satellite and Sounding Rocket Programs

Salary or earnings Starting $ 19000 per annum Final $ per

Classification Grade *(if in Federal service)* Excepted

Place of employment City Washington DC State

Kind of business or organization *(manufacturing, accounting, insurance, etc.)* Aero + Space Res and dev.

Name and address of employer *(firm, organization, etc.)* NASA 1520 H ST NW Wash DC

Name and title of immediate supervisor Dr. Abe Silverstein Director - Space Flight Program

Reason for wanting to leave

Description of work

(See attachment 1)

② Dates of employment *(month, year)* From OCT 1958 To FEB 1960

Exact title of your position Chief Space Sciences Programs

Salary or earnings Starting $ 17000 per annum Final $ per

Classification Grade *(if in Federal service)* Excepted

Place of employment City Washington DC State

Kind of business or organization *(manufacturing, accounting, insurance, etc.)* Aero and Space Res + Dev.

Name and address of employer *(firm, organization, etc.)* NASA - - - - .

Name and title of immediate supervisor Dr. Homer E Newell Assistant Director for Space Sciences

Reason for leaving

Description of work

(See attachment 2)

③ Dates of employment *(month, year)* From Jan 1947 To Oct 1958

Exact title of your position Asst Chief Instr. Res. Div.

Salary or earnings Starting $ 7102.20 per annum Final $ 13970 per annum

Classification Grade *(if in Federal service)* GS-13 GS-15

Place of employment City Langley Field State Virginia

Kind of business or organization *(manufacturing, accounting, insurance, etc.)* Aero research

Name and address of employer *(firm, organization, etc.)* NACA Langley Res Center Langley Field Va

Name and title of immediate supervisor E C Bamberg Chief Instr Res Div.

Reason for leaving

Description of work

(See attachment 3)

B-3

ATTACH SUPPLEMENTAL SHEETS OR FORMS HERE

○ Dates of employment *(month, year)* From To		Exact title of your position	
Salary or earnings Starting $ per Final $ per	Classification Grade *(if in Federal service)*	Place of employment City State	Kind of business or organization *(manufacturing, accounting, insurance, etc.)*
Name and address of employer *(firm, organization, etc.)*		Name and title of immediate supervisor	
Reason for leaving			
Description of work (See attachments 4, 5, 6)			

If you need additional experience blocks, use supplemental sheets. SEE INSTRUCTION SHEET.

17. SPECIAL QUALIFICATIONS AND SKILLS.

(A) Licenses and Certificates.—Indicate the kind of license or certificate and the State or other licensing authority which granted it; for example, pilot, teacher, electrician, lawyer, radio operator, C. P. A., etc.

Kind of License _____ Licensing Authority _____

(B) List any special skills you possess and machines and equipment you can use, such as short-wave radio, multilith, comptometer, key-punch, turret lathe, scientific or professional devices.

Analog computing equipment, IBM digital computing equipment, electronic test equipment aeronautical research instrumentation

(C) Approximate number of words per minute in:

Typing _____ Shorthand _____

(D) Give any special qualifications not covered elsewhere in your application, such as:

(1) Your more important publications. *(Do not submit copies unless requested)*
(2) Your patents or inventions.
(3) Public speaking and public relations experience.
(4) Membership in professional or scientific societies, etc.
(5) Honors and fellowships received.

(See attachment 7)

18. EDUCATION.

A. Give the highest elementary or high-school grade completed 12

If you completed high school, give date February 1934

B. Name and location of last high school attended: Richmond Hill High School, Richmond Hill, Queens, New York

C. Name and location of college or university:	Dates attended From	Dates attended To	Years completed Day	Years completed Night	Credit hours Semester or Quarter		Degrees received
College of the City of NY. N.Y.	2/34	4/38	4		134		BEE
Univ of Virginia Charlottesville and Hampton Va	8/44	1/45	1 1/2		36		MEE
College of William + Mary Hampton Va Ext	2/57	5/57	—		3		—

D. Chief undergraduate college subjects	Credit hours Semester or Quarter		E. Chief graduate college subjects	Credit hours Semester or Quarter	
Electrical Engineering	35		Electrical Engineering	15	
			Mathematics	12	

F. Other schools or training, such as trade, vocational, Armed Forces, or business. Give for each name and location of school, dates attended, subjects studied, certificates, and any other pertinent data:

ESMWT Training of University of Virginia, Hampton 1943, Simple Aerodynamics

19. Have you lived or traveled in any foreign countries?

☒ Yes ☐ No

If answer is "Yes," give in Item 34 names of countries, dates, and length of time spent there and reason or purpose *(military service, business, education, or vacation)*.

20. Indicate your knowledge of foreign languages.

	Reading			Speaking			Understng			Writing		
	EXC.	GOOD	FAIR	EXC.	GOOD	FAIR	EXC.	GOOD	FAIR	EXC.	GOOD	FAIR
German			✓									

c48—16—53946-3

B4

21. REFERENCES.—List three persons living in the United States or Territories of the United States who are NOT RELATED TO YOU AND WHO HAVE DEFINITE KNOWLEDGE of your qualifications and fitness for the position for which you are applying. Do not repeat names of supervisors listed under Item 16, EXPERIENCE.

	FULL NAME	PRESENT BUSINESS OR HOME ADDRESS Give complete current address	BUSINESS OR OCCUPATION
1.	Hartley A. Soulé	Langley Research Center	Asst. Dir. LRC
2.	Edward Garner	Same	Aero. Res. Sci.
3.	F. L. Thompson	Same	Director LRC

INDICATE ANSWER BY PLACING "X" IN PROPER COLUMN	YES	NO
22. (a) Are you a citizen of the United States of America, or (b) as a native of American Samoa do you owe allegiance to the United States of America?	✓	
23. Are you now, or have you ever been, a member of the Communist Party, U. S. A., or any Communist organization?		✓
24. Are you now, or have you ever been, a member of a Fascist organization?		✓
25. Are you now or have you ever been a member of any foreign or domestic organization, association, movement, group, or combination of persons which is totalitarian, Fascist, Communist, or subversive, or which has adopted, or shows, a policy of advocating or approving the commission of acts of force or violence to deny other persons their rights under the Constitution of the United States, or which seeks to alter the form of government of the United States by unconstitutional means?		✓
If your answer to question 23, 24, or 25 above is "Yes," state on a separate sheet to be attached to and made a part of this application the names of all such organizations, associations, movements, groups, or combination of persons and dates of membership. Give complete details of your activities therein and make any explanation you desire regarding your membership or activities. (See instruction sheet)		
26. Does the United States Government employ in a civilian capacity any relative of yours (by blood or marriage) with whom you live or have lived within the past 24 months? *If your answer is "Yes," give in Item 34 for EACH such relative (1) full name; (2) present address; (3) relationship; (4) department or agency by which employed; and (5) kind of appointment.*	✓	✓
27. A. Have you any physical handicap, chronic disease, or other disability?		✓
B. Have you ever had a nervous breakdown?		✓
C. Have you ever had tuberculosis?		✓
If your answer to A, B, or C is "Yes," give details in Item 34.		

INDICATE ANSWER BY PLACING "X" IN PROPER COLUMN	YES	NO
28. May inquiry be made of your present employer regarding your character, qualifications, etc?	✓	
29. Do you receive or have you applied for an annuity from the United States or District of Columbia Government under any retirement act or any pension or other compensation for military or naval service? *If your answer is "Yes," give details in Item 34.*		✓
30. Are you an official or employee of any State, Territory, county, or municipality? *If your answer is "Yes," give details in Item 34.*		✓
31. Have you ever been barred by the U. S. Civil Service Commission from taking examinations or accepting civil-service appointments? *If your answer is "Yes," give dates of and reasons for such debarment in Item 34.*		✓
32. A. Have you ever been discharged from employment because: (1) Your conduct was not satisfactory?		✓
(2) Your work was not satisfactory?		✓
B. Have you ever resigned after official notification that: (1) Your conduct was not satisfactory?		✓
(2) Your work was not satisfactory?		✓
C. Have you ever been discharged from the Armed Services under other than honorable conditions?		✓
If your answer to A, B, or C is "Yes," give details in Item 34 as clearly as you can remember, including the name and address of employer, approximate date, and reasons in each case.		
33. Have you ever been arrested, charged, or held by Federal, State, or other law-enforcement authorities for any violation of any Federal law, State law, county or municipal law, regulation or ordinance? Do not include anything that happened before your 16th birthday. Do not include traffic violations for which a fine of $25 or less was imposed. All other charges must be included even if they were dismissed. *If your answer is "Yes," give in Item 34 for each case: (1) approximate date, (2) charge, (3) place, (4) action taken.*		✓

34. SPACE FOR DETAILED ANSWERS TO OTHER QUESTIONS. Indicate item numbers to which answers apply.

Item No.		Item No.	
26	Peter James Stoller, Student at Virginia Polytechnic Institute at Blacksburg, Va., Son, Dept of Army, Aberdeen Proving Ground, Student trainee in carpentering program.	19	England 1 week — Business Denmark 5 days Switzerland 6 days — Vacation Italy 5 days France 3 days — Sept-Oct 1960
19	Canada 3 weeks 1957 Vacation		

If more space is required, use paper the same size as this page. Write on each sheet your name, date of birth, and examination title. Attach to inside of this application.

ATTENTION: If you are appointed, all facts you give will be subject to investigation including a check of your fingerprints. Before signing this application, go back over it to make sure you have answered all questions correctly and fully, so that your eligibility can be decided on the basis of all the facts. Admitted unfavorable information about such matters as arrests or discharges will be considered together with the favorable information in your record in determining your present fitness for Federal employment. However, a false statement or dishonest answer to any question may be grounds for cancellation of your application or your dismissal after appointment and is punishable by law.

I CERTIFY that the statements made by me in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Date Nov 1960 Signature of applicant _____

c48—16—53946-3 U. S. GOVERNMENT PRINTING OFFICE

B-1-T

STANDARD FORM 57
REVISED MAY 1954
U. S. CIVIL SERVICE COMMISSION

APPLICATION FOR FEDERAL EMPLOYMENT

57-102

APPLICATION NO. — ANNOUNCEMENT

1. Kind of position applied for or name of examination

2. Option(s) *(if mentioned in examination announcement)*

3. Place of employment applied for *(city and State)*

4. Mr. / Mrs. / Miss — *(First name)* *(Middle)* *(Maiden, if any)* *(Last)*
Mr. Morton Joseph Stoller

5. Street and number or R. D. number
6212 Bannockburn Drive

City or post office *(including postal zone)* and State
Bethesda, Maryland

6. Place of birth
City New York City
State or foreign country New York

7. Date of birth *(month, day, year)*
May 23, 1917

8. [X] Male [ ] Female

9. Height without shoes
5 feet 11 inches
Weight 174 pounds

10. [ ] Married [ ] Single

DO NOT WRITE IN THIS BLOCK
For Use of
Civil Service Commission Only

[ ] Appor. [ ] Nonappor.
Material: [ ] Submitted [ ] Returned
Entered Register:
Notations:
App. Review:
Approved:

Option	Grade	Earned Rating	Preference	Augm. Rating
			[ ] 5 Points (Tent.)	
			[ ] 10 Point Comp. Dis.	
			[ ] Other 10 Point	
			[ ] Disal.	
			[ ] Being Investigated	
Initials and Date				

11. Home phone
OL 4-5350
Office phone
DU 2-7815

12. Legal or voting residence *(State)*
Maryland

13. If you have ever been employed by the Federal Government, indicate last grade
Excepted
Dates of service in that grade
From Oct 1958 To Present

14. AVAILABILITY INFORMATION. A. Indicate the lowest salary you will accept $ per
You will not be considered for any position with a lower entrance salary.

B. If you are now a Federal employee, indicate the lowest grade you will accept Excepted

C. Will you accept appointment for [ ] 1 to 3 months? [ ] 3 to 6 months? [ ] 6 to 12 months?
Acceptance or refusal of a short-term appointment will not affect your consideration for another appointment.

D. Are you willing to travel [ ] Occasionally? [X] Frequently? [ ] Constantly?

E. Will you accept appointment [X] In Washington, D. C.? [X] Anywhere in United States? [X] Outside U. S.?

F. If you will accept appointment only in certain locations, list them:

15. VETERAN PREFERENCE. A. If you claim 5-point preference based on wartime military service, indicate:

Date(s) of entry into active service	Date(s) of separation	Branch of service *(Army, Navy, Air Force, etc.)*	Serial number. If none, give grade or rating at separation

B. Do you claim 5-point preference as a peacetime campaign veteran? [ ] Yes [ ] No

C. Do you claim 10-point preference? [ ] Yes [ ] No

D. Have you ever been granted 10-point veteran preference or 5-point preference as a peacetime campaign veteran by the U. S. Civil Service Commission? [ ] Yes [ ] No If so, indicate below the office which granted this preference to you. Attach your notice of preference allowance if available. It will be returned to you.

Name of U. S. Civil Service Commission office or name of Board of U. S. Civil Service Examiners

Address of Commission office or Board of Examiners
City
State

THIS SPACE FOR USE OF APPOINTING OFFICER ONLY. The information contained in answer to question 15A has been verified with the discharge certificate, which shows that the separation was under honorable conditions.

Signature Agency

Title Date

(Continued on next page)

048—16—53046-4

B 2-7

16. EXPERIENCE. *(Start with your present position and work back)*

① Dates of employment *(month, year)*
From February 1960 To present time

Exact title of your position Assistant Director for Satellite & Sounding Rocket Programs

Salary or earnings
Starting $ 19,000 per annum
Final $ per

Classification Grade *(if in Federal service)* Excepted

Place of employment
City Washington, D. C.
State

Kind of business or organization *(manufacturing, accounting, insurance, etc.)* Aero. & space res. & development

Name and address of employer *(firm, organization, etc.)*
National Aeronautics & Space Administration
1520 "H" Street, N. W., Wash25, D. C.

Name and title of immediate supervisor Dr. Abe Silverstein
Director, Office of Space Flight Programs

Reason for wanting to leave

Description of work - See Attachment 1 -

② Dates of employment *(month, year)*
From October 1958 To Feb 1960

Exact title of your position Chief, Space Sciences Programs

Salary or earnings
Starting $ 17,000 per annum
Final $ per

Classification Grade *(if in Federal service)* Excepted

Place of employment
City Washington, D.C.
State

Kind of business or organization *(manufacturing, accounting, insurance, etc.)* Aero. & space res. & development

Name and address of employer *(firm, organization, etc.)*
National Aeronautics & Space Administration
1520 "H" Street, N. W., Wash 25, D. C.

Name and title of immediate supervisor Dr. Homer E. Newell, Asst. Director for Space Sciences

Reason for leaving

Description of work - See attachment 2 -

③ Dates of employment *(month, year)*
From Jan 1947 To Oct 1958

Exact title of your position Assistant Chief, Inst. Research Division

Salary or earnings
Starting $7102.20 per annum
Final $ 13,970 per annum

Classification Grade *(if in Federal service)*
GS-13
GS-15

Place of employment
City Langley Field
State Virginia

Kind of business or organizatio *(manufacturing, accounting, insu ance, etc.)* Aero. research

Name and address of employer *(firm, organization, etc.)*
NACA - Langley Research Center
Langley Field, Virginia

Name and title of immediate supervisor
Mr. E. C. Buckley, Chief
Inst. Research Division

Reason for leaving

Description of work See Attachment 3 -

B 3 T ATTACH SUPPLEMENTAL SHEETS OR FORMS HERE

Dates of employment (month, year) From / To		Exact title of your position	
Salary or earnings Starting $ per Final $ per	Classification Grade (if in Federal service)	Place of employment City State	Kind of business or organization (manufacturing, accounting, insurance, etc.)
Name and address of employer (firm, organization, etc.)		Name and title of immediate supervisor	

Reason for leaving

Description of work

See Attachments 4, 5, 6.

If you need additional experience blocks, use supplemental sheets. SEE INSTRUCTION SHEET.

17. SPECIAL QUALIFICATIONS AND SKILLS.

(A) Licenses and Certificates.—Indicate the kind of license or certificate and the State or other licensing authority which granted it; for example, pilot, teacher, electrician, lawyer, radio operator, C. P. A., etc.

Kind of License _____ Licensing Authority _____

(B) List any special skills you possess and machines and equipment you can use, such as short-wave radio, multilith, comptometer, key-punch, turret lathe, scientific or professional devices.

Analog computing equipment, IBM digital computing equipment, electronic test equipment aeronautical research instrumentation.

(C) Approximate number of words per minute in:

Typing _____ Shorthand _____

(D) Give any special qualifications not covered elsewhere in your application, such as:

(1) Your more important publications. *(Do not submit copies unless requested)*
(2) Your patents or inventions.
(3) Public speaking and public relations experience.
(4) Membership in professional or scientific societies, etc.
(5) Honors and fellowships received.

See Attachment 7.

18. EDUCATION.

A. Give the highest elementary or high-school grade completed 12

If you completed high school, give date February 1934

B. Name and location of last high school attended:

Richmond Hill High School
Richmond Hill, Queens, New York

C. Name and location of college or university:	Dates attended From	Dates attended To	Years completed Day	Years completed Night	Credit hours Semester or Quarter	Degrees received
College of the City of N. Y., N. Y.	2/34	2/38	4		134	B.E.E.
Univ. of Virginia, Charlottesville and Hampton, Virginia	8/49	5/55	1 1/2		36	M. E. E.
College of William & Mary, Hampton	2/57	5/57	-		3	-

D. Virginia Extension	Credit hours Semester or Quarter	E. Chief graduate college subjects	Credit hours Semester or Quarter
Electrical Engineering	35	Electrical Engineering Mathematics	15 12

F. Other schools or training, such as trade, vocational, Armed Forces, or business. Give for each name and location of school, dates attended, subjects studied, certificates, and any other pertinent data:

ESMWT Training of University of Virginia, Hampton 1943, Simple Aerodynamics

19. Have you lived or traveled in any foreign countries?

[X] Yes [ ] No

If answer is "Yes," give in Item 34 names of countries, dates, and length of time spent there and reason or purpose *(military service, business, education, or vacation)*.

20. Indicate your knowledge of foreign languages.

	Reading EXC.	Reading GOOD	Reading FAIR	Speaking EXC.	Speaking GOOD	Speaking FAIR	Understanding EXC.	Understanding GOOD	Understanding FAIR	Writing EXC.	Writing GOOD	Writing FAIR
German			x									

e45—16—53946-3

B 4T

21. REFERENCES.—List three persons living in the United States or Territories of the United States who are NOT RELATED TO YOU AND WHO HAVE DEFINITE KNOWLEDGE of your qualifications and fitness for the position for which you are applying. Do not repeat names of supervisors listed under Item 16, EXPERIENCE.

FULL NAME	PRESENT BUSINESS OR HOME ADDRESS Give complete current address	BUSINESS OR OCCUPATION
1. Hartley A. Soule	Langley Research Center	Asst. Dir., LRC
2. Edward Garrick	Langley Research Center	Aero. Res. Sci., LRC
3. F. L. Thompson	Langley Research Center	Director, LRC

INDICATE ANSWER BY PLACING "X" IN PROPER COLUMN	YES	NO
22. (a) Are you a citizen of the United States of America, or (b) as a native of American Samoa do you owe allegiance to the United States of America?	X	
23. Are you now, or have you ever been, a member of the Communist Party, U. S. A., or any Communist organization?		X
24. Are you now, or have you ever been, a member of a Fascist organization?		X
25. Are you now or have you ever been a member of any foreign or domestic organization, association, movement, group, or combination of persons which is totalitarian, Fascist, Communist, or subversive, or which has adopted, or shows, a policy of advocating or approving the commission of acts of force or violence to deny other persons their rights under the Constitution of the United States, or which seeks to alter the form of government of the United States by unconstitutional means?		X
If your answer to question 23, 24, or 25 above is "Yes," state on a separate sheet to be attached to and made a part of this application the names of all such organizations, associations, movements, groups, or combination of persons and dates of membership. Give complete details of your activities therein and make any explanation you desire regarding your membership or activities. (See instruction sheet)		
26. Does the United States Government employ in a civilian capacity any relative of yours (by blood or marriage) with whom you live or have lived within the past 24 months? *If your answer is "Yes," give in Item 34 for EACH such relative (1) full name; (2) present address; (3) relationship; (4) department or agency by which employed; and (5) kind of appointment.*	X	
27. A. Have you any physical handicap, chronic disease, or other disability?		X
B. Have you ever had a nervous breakdown?		X
C. Have you ever had tuberculosis?		X
If your answer to A, B, or C is "Yes," give details in Item 34.		

INDICATE ANSWER BY PLACING "X" IN PROPER COLUMN	YES	NO
28. May inquiry be made of your present employer regarding your character, qualifications, etc?	X	
29. Do you receive or have you applied for an annuity from the United States or District of Columbia Government under any retirement act or any pension or other compensation for military or naval service? *If your answer is "Yes," give details in Item 34.*		X
30. Are you an official or employee of any State, Territory, county, or municipality? *If your answer is "Yes," give details in Item 34.*		X
31. Have you ever been barred by the U. S. Civil Service Commission from taking examinations or accepting civil-service appointments? *If your answer is "Yes," give dates of and reasons for such debarment in Item 34.*		X
32. A. Have you ever been discharged from employment because: (1) Your conduct was not satisfactory?		X
(2) Your work was not satisfactory?		
B. Have you ever resigned after official notification that: (1) Your conduct was not satisfactory?		X
(2) Your work was not satisfactory?		X
C. Have you ever been discharged from the Armed Services under other than honorable conditions?		X
If your answer to A, B, or C is "Yes," give details in Item 34 as clearly as you can remember, including the name and address of employer, approximate date, and reasons in each case.		
33. Have you ever been arrested, charged, or held by Federal, State, or other law-enforcement authorities for any violation of any Federal law, State law, county or municipal law, regulation or ordinance? Do not include anything that happened before your 16th birthday. Do not include traffic violations for which a fine of $25 or less was imposed. All other charges must be included even if they were dismissed. *If your answer is "Yes," give in Item 34 for each case: (1) approximate date, (2) charge, (3) place, (4) action taken.*		X

34. SPACE FOR DETAILED ANSWERS TO OTHER QUESTIONS. Indicate item numbers to which answers apply.

Item No.		Item No.	
26	Peter James Stoller, Student at Virginia Polytechnic Institute at Blacksburg, Virginia, son, Dept. of Army, Aberdeen Proving Ground, Student trainee in cooperative program	19	England - 1 week - Business Denmark - 5 days) Switzerland - 6 days) vacation Italy - 5 days) France - 3 days) Sept-Oct 1960
19	Canada - 3 weeks 1957 vacation		

If more space is required, use paper the same size as this page. Write on each sheet your name, date of birth, and examination title. Attach to inside of this application.

ATTENTION: If you are appointed, all facts you give will be subject to investigation including a check of your fingerprints. Before signing this application, go back over it to make sure you have answered all questions correctly and fully, so that your eligibility can be decided on the basis of all the facts. Admitted unfavorable information about such matters as arrests or discharges will be considered together with the favorable information in your record in determining your present fitness for Federal employment. However, a false statement or dishonest answer to any question may be grounds for cancellation of your application or your dismissal after appointment and is punishable by law.

I CERTIFY that the statements made by me in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Date December 19, 1960

Signature of applicant Morton J. Stoller

Morton J. Stoller

648—16—53946-2 U. S. GOVERNMENT PRINTING OFFICE

C-1

Attachment No. 1
S. F. 57 Question 16 (1)

Morton J. Stoller

The Office of Space Flight Programs is one of the four technical program offices of the National Aeronautics and Space Administration. As such, it is responsible for all space flight program efforts, covering specific areas through the offices of four Assistant Directors. As the Assistant Director for Satellite and Sounding Rocket Programs, I have primary responsibility for, and assist the Director, SFP in planning, directing, presenting, coordinating and supervising space flight programs and projects in Geophysics and Astronomy and Astrophysics. The responsibility includes the program and project effort required to develop relating supporting instrumentation and research equipment and to formulate the necessary analytical and theoretical background for the experimental investigations.

I supervise a staff of eleven professional and six secretarial employees who are responsible for details of program and project activity. NASA's sounding rocket and scientific satellite programs are areas of major importance in prosecuting its assignment to investigate space for the benefit of mankind. This office is responsible for a scientific research program in using sounding rockets which is budgeted at about $8,000,000 per year and for a scientific satellite program whose funding has increased from $20,000,000 in fiscal year 1960 to an estimated $50,000,000 in fiscal year 1962.

The office which I direct is responsible for programs in aeronomy and atmospheric studies, energetic particles and magnetic fields, the study of the ionosphere, stellar and galactic astronomy, astrophysics and solar physics. I review and recommend for final approval by the Director proposals for research, development and flight projects in these areas. This work is coordinated with related programs in other NASA offices. Technical management responsibility for the individual project is delegated to the appropriate field center on the recommendation of this office.

Budgetary and planning reviews of the Goddard Space Flight Center proposals for work with scientific satellites and sounding rockets are conducted by this office to properly integrate their program into the overall NASA planning.

I am responsible for presenting the program, its projects and its budget to the cognizant Congressional Committees and to such other groups as may have need for this information. I am a member of the OSFP Space Sciences Steering Committee which must approve all experiments to be carried on NASA satellites and probes. I also represent the OSFP in discussions of cooperative space flight programs with representatives of other governments.

C-2

Attachment No. 2
S. F. 57 Question 16 (2) Morton J. Stoller

For the period noted, I was Chief Assistant to Dr. Homer E. Newell in the Office of Space Flight Development. The work centered on (a) defining specific areas within the space sciences in which fruitful investigations might be made within the available capabilities for orbital and space flight, (b) developing plans for longer-range programs and projects which might become feasible with progressive development. This work was initiated with the establishment of the NASA and took place during the first phases of NASA's program planning. With particular respect to space science projects and programs, I was concerned with the evaluation of specific proposals for experiments to be conducted in spacecraft, with plans for the establishment of supporting research programs in universities and industrial laboratories, and with reviews of the progress of this work.

It was necessary to prepare budgetary support details and presentation materials, to verify the feasibility of the program planning within the funding and vehicle performance limitations, and to establish with the assistance of the field groups and the Headquarters staff, the schedules for the work. The scientific program areas included those mentioned in Attachment 1 and in addition, the lunar and planetary program areas.

In these matters, I was responsible for submitting for approval to Dr. Newell, the Assistant Director for Space Sciences, plans and programs in the designated areas. I was assisted in this work by two professional employees who were assigned to me and by a number of others of Dr. Newell's staff.

C-3

Attachment No. 3
S. F. 57 Question 16 (3) Morton J. Stoller

During this period of time I was responsible for those portions of the administrative and technical direction of the Instrument Research Division as were assigned to me by the Division Chief. My position was established with the reorganization of the Division in January 1947. At that time, I continued to act as head of the newly established Pilotless Aircraft Research Instrumentation Section. This section had a staff of 58 engineers and technicians. The major workload was the provision of instrumentation for the Wallops Station. For the greater part of 1948, I was acting Division Chief for the Instrument and Research Division, during a period in which Mr. Buckley was on temporary assignment to other duties. At that time there were about 300 people in the Division. I was responsible for, and carried out, all the duties normally required of the Division Chief.

On Mr. Buckley's return to the Division, I took up the duties of Assistant Division Chief with emphasis on the planning and programming activities. In this period I was also assigned special project work related to my training and background. I was assigned the task of reviewing the Laboratory's needs for automatic computing machinery. I undertook a study and familiarization program which resulted in the establishment of a large analog computing facility. I also took part in the introduction of IBM digital equipment to the analytic and data processing problems of the Laboratory.

At a later date this background was used in the development of the concept and detailed planning for a Dynamic Systems Research Vehicle. This was a specially instrumented F101 aircraft. Before this work was carried to completion, I was reassigned to the planning for the impending transition from NACA to NASA. This was early in 1958 and the remainder of this period was spent in this work, most of it taking place in Washington at NACA Headquarters. As the planning for NASA took form the nature of the assignment slowly changed to that described in Attachment 2. I transferred to that position in October 1958.

C-4

Attachment No. 4
S. F. 57 Question 16 (4)

Morton J. Stoller

Date of employment
From Feb. 1946 to Jan. 1947
Starting - $5,180.00 P-5
Final - 7,102.20 P-6

Exact Title - Electrical Engineer
(Head, Radio Control and Telemetering Section)
Place of employment - Kind of business:
Langley Field, Va. Aeronautical Research

Name and address of employer
National Advisory Committee for Aeronautics
Langley Aero. Lab., Langley Field, Va.

Name and title of immediate supervisor
E. C. Buckley, Chief
Inst. Res. Division

I was appointed Head of the Radio Control and Telemetering Section at the time it was established in February 1946. There were 37 engineers and technicians in the section at that time. The Section was given assignments in the development of telemetering, radar tracking, radar Doppler development, controls for pilotless aircraft and other electronic development projects. The techniques which were introduced and carried along to satisfactory operational capability by this group provided the NACA with transonic data of a type that had been previously unobtainable. These data were particularly important as they could not be obtained from wind tunnels of that period and were needed to provide sound estimates of aerodynamic coefficients which could be used in the design of the first transonic and supersonic aircraft. The techniques which were developed by the personnel of the Section under my supervision enabled the Laboratory to establish a leading position in the field of test range instrumentation. We were able to obtain vital aerodynamic data with an expenditure of funds and manpower which was far below that required at other test ranges which were based on optical ballistic techniques. My supervision of this work continued when the Division was reorganized and the Section was renamed the Pilotless Aircraft Research Instrumentation Section.

C-5

Attachment No. 5
S. F. 57 Question 16 (5)

Morton J. Stoller

Date of employment
From August 1939 to Feb. 1946
Starting - $2,000.00 - P-1
Final - 5,180.00 - P-5

Exact Title - Jr. Electrical Engineer
Re-designated Ass't Assoc., and
Electrical Engineer
Place of employment - Kind of business
Langley Field, Va. Aeronautical
Research

Name and address of employer:
National Advisory Committee for Aeronautics
Langley Aero. Lab., Langley Field, Va.

Name and title of immediate supervisor:
O. Seidman - Head Spin Tunnel
R. V. Rhode - Head Flight Loads Section
E. C. Buckley - Head Inst. Res. Lab

I was initially assigned to the Spin Tunnel where I was to spin test a model of a proposed military aircraft, but before this got underway, I was transferred to the Flight Loads Section. In this section I was assigned to duty at the Instrument Laboratory for training on flight test instrumentation. In the course of work on a system of strain gage instrumentation, which required modification, I developed a new electrical strain gage unit which was adapted to wind tunnel use. Several years were devoted to the development and application of this unit in a number of wind tunnels. Before this work was completed I was transferred to the Instrument Laboratory. At about this time the wire strain gage emerged as a sensing element and my efforts were redirected to the development of instrumentation using the strain gage as the input device.

As I gained experience, the work assigned to me was increased in scope and I was given the supervision of several engineers and electronic technicians.

I was assigned responsibility for the development of a variety of electronic devices which were needed in the conduct of the Laboratory research program. Included in these were amplifiers, oscillators, remote indicators, computer units and the like. In 1943 I was given the task of studying techniques of telemetering in anticipation of the need for such methods in our work. Sufficient work went into this study, so that shortly afterward, when the first request for such equipment came into the Instrument Laboratory, it was possible to go from initial discussions to flight test in about one year. In this time, under my supervision, the complete system was developed including instruments, transmitters and receivers. In 1945 the initial transonic aerodynamic free flight tests were made. During this period the group I was directing made its initial efforts on radar tracking and ranging equipment and started its development of Doppler techniques. This group was the nucleus of the Radio Control and Telemetering Section.

C-6

Attachment No. 6
S. F. 57 Question 16 (6)

Morton J. Stoller

Employment previous to that at NACA Langley

From April 1939 to July 1939

Engineering Aide - $1800 per annum
Federal Power Commission, Washington, D. C.

From August 1938 to April 1939

Junior Estimator - $936 per annum
S. Finck Co., New York City, N. Y.

From May 1938 to August 1938
Route Driver - $1040 per annum
Milberts, Neponsit, N. Y.

C-7

Attachment No. 7
S. F. 57 Question 17 (D)

Morton J. Stoller

Because of my background in telemetering and tracking instrumentation I was asked to serve on several working groups of the Panel on Test Range Procedures and Instrumentation of the Guided Missiles Committee of the Research and Development Board.

These activities included the following:

1948 - Member - Working Group on Telemetering
1948 - Preparation of a special survey on Requirements for Precision Tracking Radar
1949 - Chairman - Working Group on Pulse Trajectory Instrumentation
1950 - Member - Ad hoc Working Group on Precision Tracking Systems
1951 - Chairman - Working Group on Electronic Trajectory Instrumentation

These groups were concerned with reviews of the national effort in the fields indicated for the purpose of aiding the Department of Defense in its planning and management.

At the request of the chairman of the Panel on Test Range Procedures and Instrumentation I gave a paper on "Reflection Doppler Radar" at the Panel's Instrumentation Symposium held in Seattle, Washington, in November 1948.

I presented talks on the work of the Instrument Research Division to many groups of visitors to the Laboratory.

At the Biennial Inspection of the Langley Laboratory in 1951 I presented a review of the Laboratory's program and accomplishments in the field of automatic computation.

I have given a paper on the NASA Space Flight Program to the British Interplanetary Society. I have also made presentations on the NASA Scientific Satellite Program to the Pres. Sci. Adv. Com. and to the cognizant Congressional Committees.

I am a member of the A.I.E.E., the A.C.M., the I.R.E. and A.G.U.

I was a lecturer in Electrical Engineering in the Hampton Graduate Extension of the University of Virginia.

Attachment #5
Question 16(5)

D-1

From August 1939 to February 1946

2000 P-1
5180 P-5

Jr.Elect.Eng., redesignated
Asst, Assoc., and Elect. Eng.

O. Seidman Head Spin Tunnel
R.V. Rhode Head Flight Loads Sec.
E.C.B. Head I.R.L.

I was initially assigned to the Spin Tunnel where I was to spin test a model of a proposed military aircraft, but before this got under way, I was transferred to the Flight Loads Section. In this section I was assigned to duty at the Instrument Laboratory for training on flight test instrumentation. In the course of work on a system of strain gage instrumentation which required modification, I developed a new electrical strain gage unit which was adapted to wind tunnel use. Several years were devoted to the development and application of this unit in a number of wind tunnels. Before this work was completed I was transferred to the Instrument Laboratory. At about this time the wire strain gage emerged as a sensing element and my efforts were redirected to the development of instrumentation using the strain gage as the input device.

As I gained experience, the work assigned to me was increased in scope and I was given the supervision of several engineers and electronic technicians.

I was assigned responsibility for the development of a variety of electronic devices which were neeeded in the conduct of the Laboratory's research program. Included in these were amplifiers, oscillators, remote indicators, computer units and the like. In 1943 I was given the task of studying techniques of telemetering in anticipation of the need for such methods in our work. Sufficient work went into this study, that shortly afterward, when the first request for such equipment came in to the Instrument Laboratory, it was possible to go from initial discussions to flight test in about one year. In this time, under my supervision, the complete system was developed, including instruments, transmitters and receivers. In 1945 the initial transonic aero-dynamic free flight tests were made. During this period the group I was directing made its initial efforts on radar tracking and ranging equipment

and started its development of Doppler techniques. This group was the nucleus of the Radio Control and Telemetering Section

Attachment #6
Question 16(6)

1. D-3

Employment previous to that at NACA Langley

From April 1939 to July 1939

Engineering Aide - $1800 per annum
Federal Power Commission, Washington, D.C.

From August 1938 to April 1939

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S. Finck Co., New York City, N.Y.

From May 1938 to August 1938

Route Driver $1040 per annum
Milberts, Neponsit, N.Y.

attachment # 7
SF57 - ~~Supplement to~~ Question 17 D

D-4

Because of my background in telemetering and tracking instrumentation I was asked to serve on several working groups of the Panel on Test Range Procedures and Instrumentation of the Guided Missiles Committee of the Research and Development Board.

These activities included the following:

1948 - Member - Working Group on Telemetering

1948 - Preparation of a special survey on Requirements for Precision Tracking Radar

1949 - Chairman - Working Group on Pulse Trajectory Instrumentation

1950 - Member - Ad hoc Working Group on Precision Tracking Systems

1951 - Chairman - Working Group on Electronic Trajectory Instrutation

These groups were concerned with reviews of the national effort in the fields indicated for the purpose of aiding the Department of Defense in its planning and management.

At the request of the chairman of the Panel on Test Range Procedures and Instrumentation I gave a paper on"Reflection Doppler Radar" at the Panel's Instrumentation Symposium held in Seattle, Washington in November 1948.

I have presented talks on the work of the Instrument Research Division to many groups of visitors to the Laboratory.

At the Biennial inspection of the Langley Laboratory in 1951 I presented a review of the Laboratory's program and accomplishments in the field of automatic computation.

I am a member of the A.I.E.E. and the A.C.M.

I am a Lecturer in Electrical Engineering in the Hampton Graduate Extension of the University of Virginia.

Attachment #3
Section 16(3)

E-1

from Janaury 1947 to January 1948

7102.20 P-6
7341.60 P-6

Electrical Engineer, redesignated Aero.Res. Sci. (Assistant Chief, Inst.Res.Dev., Acting ~~Chief~~ Head Pilotless Aircraft Res. Inst. Section)

E.C.Buckley, Chief Inst. Res. Div.

In January 1947 the Instrument Research Division was reorganized and the position of Assistant Chief established. Up to that time I had been Head of the Radio Control and Telemetering Section. When the reorganization took place I was appointed Assistant Chief, IRD and also held the position of Acting Head for the newly established Pilotless Aircraft Research Instrumentation Section, which was formed to carry on the work of the old RC&T Section. I retained the position of Acting Section Head until November 1947, when a permanent Section Head was appointed.

Until the regular Section Head was appointed for the P.A.R.I. Section, I was responsible for all its ~~regular~~ operations. The Section had approximately 58 engineers and technicians at that time. The Section's major work load was the provision of instrumentation for the Laboratory's newly established station at Wallops Island. At this time we were extending our original telemetering and radar tracking efforts to rocket model testing and were carrying both the research and development phases and the application and operations phase with our group. The NACA telemtering system, the use of the SCR584 radar, the use of reflection Doppler radar and the use of the "spin sonde" were techniques which were being perfected at this time.

My duties as Acting Section Head called for me to assign personnel within the Section, prepare budgets, set up and approve programs for research and development on new techniques and equipment and to advise the Division Chief on the types of problem which we could or could not expect to attack within the capabilities of the Section. The Section was also completing some of the later phases of the "bomb drop" program for the Flight Research Division.

This program depended on telemetering and tracking for experimental data and was the program on which our intial experience in these fields had been developed. This program gave the U.S. its first free flight transonic data on bodies of aerodynamic interest.

During this period I was being familiarized with the duties of Assistant Division Chief. When Mr. Taylor was appointed Section Head of PARI, I devoted full time to the position of Assistant Division Chief. My initial duties were to assist the Division Chief in planning new instrumentation programs and to assist in the supervision of certain organizational units which were then assigned to the Office of the Division Chief. I also became familiar with the operations of the major units in the Division. Shortly after this I was appointed Acting Division Chief.

Attachment #4
Question 16(2),

1. F-1

From January 1948 to November 1948

Aero Res Sci
(Acting Chief Inst.Res. Div.)

7341.60 P-6

8509.50 P-7

E. Johnson Chief
Adm & Tech Service

For the period of time noted above I was in charge of the Instrument Research Division while Mr. Buckley was on temporary assignment to the Pilotless Aircraft Research Division. At that time there were about 300 people in the Instrument Research Division. I was responsible for, and carried out, all the duties normally required of the Division Chief.

This was a period of intense activity on the development of techniques for research on Pilotless Aircraft and a number of programs on telemetering, radar tracking and other instrumentation for Wallops Island occupied much of my time. In addition, adequate attention had to be given to the work underway in the Division on equipment for the wind tunnels and ground facilities and for Flight Research. Also at this time the initial planning for a major expansion of the building and housing of the Division was given laboratory approval and a good deal of budget preparation work was therefore required.

As the general nature of the Division's activities are described above in the section (16.1) covering my present position, it does not appear to be necessary to expand on them at this point. As Acting Division Chief, the special day to day operating decisions, as well as those affecting long-time planning for the Division were referred to me when Division approval was required.

When Mr. Buckley completed his special assignment and returned as Division Chief, I returned to my position as Assistant Division Chief.

Attachment # 4
Section 16(4)

 G-1

From February 1946 to January 1947

5180 P-5
7102.20 P-6

Electrical Engineer
(Head, Radio Control and Telemetering Section)

E.C.B. Chief I R D

I was appointed Head of the Radio Control and Telemetering Section at the time it was established in February 1946. There were 37 engineers and technicians in the Section at the time. The Section was given assignments in the development of telemetering, radar tracking, radar Doppler development, controls for pilotless aircraft and other electronic development projects. As noted above in 16.3 the techniques which were introduced and carried along to satisfactory operational capability by this group provided the NACA with transonic data of a type that had been previously unobtainable. These data were particularly important as they could not be obtained from wind tunnels of that period and were needed to provide sound estimates of aerodynamic coefficients which could be used in the design of the first transonic and supersonic aircraft. The techniques which were developed by the personnel of the Section under my supervision enabled the Laboratory to establish a leading position in the field of test range instrumentation which it has never lost. We were soon able to obtain vital aerodynamic data with an expenditure of funds and manpower which was far below that required at other test ranges which were based on optical ballistic techniques. My supervision of this work continued when the Division was reorganized and the Section was renamed the Pilotless Aircraft Research Instrumentation Section.

Attachment No. 1
S.F. 57 Question 16 (1)

Morton J. Stoller

The Instrument Division is one of twelve divisions in the Research segment of the Langley Laboratory's organization.

The Instrument Division's responsibility is to provide any activity in the Laboratory, with particular emphasis on the research facilities, with the instrumentation necessary to carry out fundamental aeronautical research programs.

To carry out this assignment the Division now has over 325 people. The phases of instrumentation with which the Branches composing the Division deal cover almost completely the range of physical and engineering measurements. They furnish instrumentation for the needs of research activities specializing in such work as gas dynamics, wind tunnel research, aircraft structures, flight testing, hydrodynamics, dynamic loads, high-temperature phenomena, and acoustics as well as many other fields.

The Division provides standard instruments where they are applicable, modifies commercial products for specialized applications, develops new instruments when no satisfactory commercial product exists, and conducts research and development programs on instrument components and systems in anticipation of research needs.

In addition, the Division maintains instrumentation calibration and service facilities and is responsible for the operation of a chemical laboratory.

As Assistant Division Chief, I participate in the administrative and technical direction of the Division, working with the Branch Heads and the Chief of the Division to establish Division policies and procedures. This activity includes among others such facets of the Division management as

Attachment No. 1
S.F. 57 Question 16 (1) continued Morton J. Stoller

the planning of research and development programs for new instrumentation, budget preparation, and the planning of programs for training and developing personnel.

When the Division Chief is away from the Laboratory I am in charge of the Division. At such times I carry out all the normal functions of the Division Chief which will include decisions on the assigment of personnel to specific research problems, the approval of expenditures for equipment, the modification and redirection of research programs as influenced by the progress of work and participation in Laboratory management conferences concerning the Instrument Division responsibilities for specific work areas.

As the need arises, I am placed on special assignment by either the Division Chief or the Office of the Associate Director. Such special assignments usually arise because of my background and experience in a wide range of instrumentation and computing techniques, combined with my knowledge of the capabilities of the various members of the Laboratory staff who may be called upon to contribute to the project concerned. Typical of such special projects are my present assignment to the development of the F-101 Dynamic Systems Research Vehicle and my earlier work on analytic computing facilities.

The F-101 project is a very extensive systems effort whose objective is to provide the Flight Research Division with a research aircraft which can be used in general research programs on aircraft and missile automatic controls. To do this it is planned to install in a supersonic fighter aircraft, (a) a general purpose analog computer, (b) a general purpose digital computer, (c) analog-digital and digital-analog conversion units, (d) a stable platform unit for spatial reference, (e) integrating accelerometers associated with the stable platform, (f) a high performance electrically actuated servo system

Attachment No. 1
S.F. 57 Question 16 (1) continued Morton J. Stoller

for the aircraft power controls, (g) a number of measuring instruments for data and control, (h) a set of recording equipment for the research data. All of these will be interconnected in a flexible manner through a centralized switching arrangement so that changes in the system can be made very readily. The general performance criteria for the system were first outlined by the personnel of the Flight Research Division. As many of the subsystems enumerated above fall in the area of responsibility of the Instrument Research Division, it is my assignment to see to it that the requirements for these subsystems are properly coordinated and feasible considering the existing state of development of the respective equipments.

Estimates of the funds required to complete the program indicate that the Laboratory will require financial support from the military services. I assisted in the presentations given to interested groups in the Air Force and Navy which resulted in the Laboratory receiving this support.

I am presently occupied with the continued planning of the work and the preparation of the detailed specifications for the subsystems, a number of which have now been contracted for by the Air Force and the Navy. For the instrumentation and computer systems I am the NACA technical representative and therefore must make any engineering decisions affecting the conduct of the work when technical questions arise.

Some idea of the magnitude and complexity of the engineering effort which will go into the subsystems alone is given by their cost to the military services----- approximately $1,650,000.00. Of course, in addition to these direct expenditures, there will be additional funds and effort used in

Attachment No. 1
S.F. 57 Question 16 (1) continued Morton J. Stoller

coordination, final installation, test and operation which will be entirely the responsibility of this Laboratory. I believe that this work can be equated to that required of the manager of a major weapons system development project.

An understanding of the techniques of digital computing, computer programming, application of analog instrumentation and associated topics are all required for this work.

Because there are so few engineers at this Laboratory with the necessary background for this type of work, I am directing the training of a number of engineers assigned to the project.

At present it appears that the effort to assemble this facility will continue for at least two years, during which time I expect to direct the efforts of the Instrument Research Division on this project unless I am otherwise reassigned.

In an earlier special assignment I was asked to evaluate the Laboratory's needs for automatic computing machinery. This work included (a) a study of problems existing at the Laboratory, (b) a review of the available methods of solution, (c) a study of the available automatic machinery, (d) running typical problems on specific machines and (e) the preparation of recommendations for action on the part of the Laboratory management. These led to the establishment of the analog computing facility at the Laboratory. I also took an active part in the reviews and planning leading to the growth of our analytic digital computing facilities.

In the course of a year there are always a number of new scientific developments of potential value to the development of new instrumentation.

Attachment No. 1
S.F. 57 Question 16 (1) continued Morton J. Stoller

I am expected to scan the technical literature continuously and to recommend action on those new items which appear to be applicable to our needs. A number of proposals for new instruments are usually also made and I generally participate in the reviews of these proposals. In some cases, as in that of a new statistical flight loads recorder, the proposal is for an instrument program to be sponsored by the military, and the evaluation of the method proposed may affect a program whose ultimate cost will be in the millions.

A number of continuing duties relating to the distribution of new reference material within the Instrument Research Division have been assigned to me. These include review of incoming classified reports for possible reference to others who might have a need to know specific items of information, review of ASTIA lists for the Division as a whole, participation on the Laboratory's Library Committee and the routing within the Division of correspondence directed to me by the Division Chief for that purpose. This continual review of new material keeps me well informed on new developments in the many fields related to research instrumentation.

Attachment No. 2
S.F. 57 Question 16 (2) Morton J. Stoller

For the period of time noted above I was in charge of the Instrument Research Division while Mr. Buckley was on temporary assignment to the Pilotless Aircraft Research Division. At that time there were about 300 people in the Instrument Research Division. I was responsible for, and carried out, all the duties normally required of the Division Chief.

This was a period of intense activity on the development of techniques for research on Pilotless Aircraft and a number of programs on telemetering, radar tracking and other instrumentation for Wallops Island occupied much of my time. In addition, adequate attention had to be given to the work underway in the Division on equipment for the wind tunnels and ground facilities and for Flight Research. Also at this time the initial planning for a major expansion of the building housing the Division was given Laboratory approval and a good deal of budget preparation work was therefore required.

As the general nature of the Division's activities are described above in the section (16.1) covering my present position, it does not appear to be necessary to expand on them at this point. As Acting Division Chief, the special day to day operating decisions, as well as those affecting long-time planning for the Division were referred to me when Division approval was required.

When Mr. Buckley completed his special assignment and returned as Division Chief, I returned to my position as Assistant Division Chief.

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Attachment No. 3
S.F. 57 Question 16 (3)

Morton J. Stoller

In January 1947 the Instrument Research Division was reorganized and the position of Assistant Chief established. Up to that time I had been Head of the Radio Control and Telemetering Section. When the reorganization took place I was appointed Assistant Chief, IRD and also held the position of Acting Head for the newly established Pilotless Aircraft Research Instrumentation Section, which was formed to carry on the work of the old RC&T Section. I retained the position of Acting Section Head until November 1947, when a permanent Section Head was appointed.

Until the regular Section Head was appointed for the P.A.R.I. Section, I was responsible for all its operations. The Section had approximately 58 engineers and technicians at that time. The Section's major work load was the provision of instrumentation for the Laboratory's newly established station at Wallops Island. At this time we were extending our original telemetering and radar tracking efforts to rocket model testing and were carrying both the research and development phases and the application and operation phase with our group. The NACA telemetering system, the use of the SCR584 radar, the use of reflection Doppler radar and the use of the "spin sonde" were techniques which were being perfected at this time.

My duties as Acting Section Head called for me to assign personnel within the Section, prepare budgets, set up and approve programs for research and development on new techniques and equipment and to advise the Division Chief on the types of problem which we could or could not expect to attack within the capabilities of the Section. The Section was also completing some of the later phases of the "bomb drop" program for the Flight Research Division. This program depended on telemetering and tracking for experimental

Attachment No. 3
S.F. 57 Questinn 16 (3) continued Morton J. Stoller

data and was the program on which our initial experience in these fields had been developed. This program gave the U.S. its first free flight transonic data on bodies of aerodynamic interest.

During this period I was being familiarized with the duties of Assistant Division Chief. When Mr. Taylor was appointed Section Head of PARI, I devoted full time to the position of Assistant Division Chief. My initial duties were to assist the Division Chief in planning new instrumentation programs and to assist in the supervision of certain organizational units which were then assigned to the Office of the Division Chief. I also became familiar with the operations of the major units in the Division. Shortly after this I was appointed Acting Division Chief.

I-1

MR. MORTON [illegible] STOLLER

Assistant Director for Satellite
and Sounding Rocket Programs $[illegible]
(Office of Space Flight Programs)

As one of four Assistant Directors, has primary responsibility for, and assists the Director and Deputy Director in planning, directing, presenting, coordinating, and supervising programs and projects in the fields of: Aeronomy, energetic particles, and ionospheric physics as these form the field of geophysics; astronomy and astrophysics; and research efforts to develop related supporting instrumentation and equipment. (Appointed February 7, 1960)

(All Explorer satellites)

Age 43 Wife: Ruth Children: Robert, Peter, Nancy

Residence: [illegible] Phone 244350

Education: B.S. in E.E., 1935, The School of Technology, College of the City of New York (1938). [illegible]

Work Experience:

1956-60 ? Chief, Space Sciences Programs, (Office of Space Flight Development), NASA Headquarters ($17,000). Mr. Stoller served as a chief assistant to Dr. Newell who was then titled "Assistant Director for Space Sciences." The work was centered on defining (a) areas of the space sciences in which fruitful investigations might be made with existing capabilities for orbital and space flight, and (b) developing plans for longer-range programs and projects which might become feasible with progressive development of the space flight technology in areas of launch capacity, in-flight power sources, and refined guidance and control capabilities. Mr. Stoller was principally concerned with the evaluation of the proposed programs and projects in terms of the technological requirements involved and the feasibility of achieving same in the time schedules under consideration.

1947-58: Assistant Chief, Instrument Research Division, Langley Aeronautical Laboratory (GS-13/GS-15). Supervised research in the fields of general research instrumentation, flight instrumentation, pilotless aircraft research instrumentation, and instrument calibration and modification servicing. Was principally concerned with the development of the telemetering, pulse-radar, and automatic data computation work described below.

1945-47: Head, Radio and Telemetery Section, Instrument Research Division, Langley (GS-12). Headed research work on electronic applications to instrumentation, chiefly the development of telemetering techniques for control and communication, in addition to work on computing devices and

I-2

automatic control systems. His work on the development of telemetry and use of pulse radar formed basis for extensive instrumentation on pilotless devices (rocket-fired test vehicles), and the accuracy of tracking developed in the Wallops Island operations led to the adoption of this technique by many of the Military rocket-testing installations.

1941-45: Electrical Engineer, NACA Langley Aeronautical Laboratory (GS-5/11) Did research on instrumentation for aerodynamic investigations; principally with those instruments involving remote recording and indicating, and use of vacuum-tube circuits. Worked on differential transformer type of strain-gage for taking records of stresses in flight, (wire strain gage techniques).

Also developed apparatus for dynamic testing work.

Professional recognition:

Mr. Stoller's knowledge and competence in the field of instrumentation for pilotless aircraft resulted in his appointment, in 1948, to the working group on Telemetry of the Panel on Test Range Procedures and Instrumentation (of Research and Development Board); and, in 1949, appointment as chairman of the Working Group on Pulse Trajectory Instrumentation of the same Panel.